

Appendix I

The following are very brief analyses and critiques of the papers published to date in the 3-51 series. It is to be understood that any criticisms are directed not so much to the authors, or necessarily to the style and arrangement or even general interest of the reports as they are to the narrow scope of the subjects selected as a basis for formal projects in connection with OIR's Research Program, the wasted effort and time required to prepare them for formal publication both by the authors and D/R, and their relatively narrow content from the overall intelligence viewpoint.

1. 56-51 -- Cork Production and Trade with Particular Emphasis on the Soviet Bloc.

The report contains a lengthy introduction and discussion of world production and trade. It acknowledges a "basic report" on the subject published in June 1951 by the Munitions Board which no doubt brings most of the subject up to date. The long discussion of experimental efforts in the USSR to produce cork, covering a century of experience, ends with the statement, "Thus after more than a century of efforts to produce cork on a commercial scale -- relatively little progress has been made." The uniqueness of the producing areas of cork (Southern Europe including the Mediterranean areas, and Northern Africa) is well known.

2. The data on imports in the Soviet Bloc is incomplete in not showing those for the individual satellites.

The principal and practically the only conclusion is that "the increased imports into the Soviet Bloc during 1950 reflect a growing need for cork and possibly for stockpiling." This may be justified but it has been demonstrated only in part. The rate of increase for each year from 1945 to 1950 is not shown, and the jump from the average to 1950 production gives an exaggerated impression. The paper does not sufficiently develop the question of the relative imports on which the principal conclusion is based. The data shows that the US imports ten times, West Germany about three times, and the UK more than three times the amount imported by the USSR. The conclusion from this (contrary to that shown) might be that there is a lack of emphasis on cork-products in the USSR relative to the other countries, particularly when their industrial productions are compared generally. Aside from these questions the principal one is the narrow scope of the subject for formalizing as a publication instead of incorporating into the broad basic study -- 61-51.

3. The Fluorspar Industry in the Soviet Orbit.

a. This is a very lengthy paper divided into long divisions of known material relating to history, production, uses, etc., which have very little intelligence significance.

b. From the few significant data on the Soviet Bloc it is

apparent that despite some important uses for relatively minor quantities of fairly readily purified (acid grade) fluorapatite and larger uses for metallurgical grade, apparently there is no real problem involved. The present estimated reserves of 5 million metric tons are produced at the rate of 200,000 tons per year (55 per cent metallurgical, 11 per cent acid grade and about 33 per cent for other uses), and show reserves for about 25 years at the present rate of use. The relatively small amount of acid grade, which can be made from other grades by well-known processes, is the most important. The fact that the atomic energy program employs a significant amount of acid grade fluorapatite, and there are other well-known potentially important uses (though quantitatively unproven) does not necessarily clothe the subject with their importance. The paper is much too lengthy, develops too many well-known details, moreover, it is believed that the many pages could be shortened into a few significant conclusions. It should be incorporated in a general study in non-metallic minerals.

4. 68-51 -- Six New Steel Plants in the USSR

a. This report of 38 pages (with map) has resulted without question from a comprehensive and apparently thorough search. It has without doubt consumed a great amount of time. The report (through many pages) traces the history of the six plants in question with the conclusion that their construction (initiated in the Third Five Year Plan 1938-1942) was held up by World War II, and that they were contributing not more than 200,000 metric tons at the end of 1951 to the over-all Soviet iron and steel production. Progress has been hampered according to the report by shortages of construction material and equipment, machinery, skilled labor, etc. The statement is made that not one of the plants was completed. The evidence shows that not more than 23 percent of the planned capacity of the six plants of more than 11.5 million tons (about 2.6 million metric tons) production of raw steel per year will be in operation by the end of 1955, and the latest known target date for any of the plants is 1960.

b. The material presented is a commendable effort in attempting to unravel a complex situation, and is suitable material as a contribution to a basic study on the subject. As a formal publication, however (aside from the time and effort required to formalize the working report) it could even be misleading with regard to the iron and steel industry as a whole. It presents a highly pessimistic picture (from the Soviet's viewpoint) of the industry. (N.B. the reasons for failure to build these plants.) This is not supported by the over-all conclusions with regard to the great progress made by the Soviets in iron and steel production during the period in question.

c. While it is clear to one who is well acquainted with the subject that the report deals only with specific projects, most readers would find it difficult to explain the production estimates of iron and steel in the USSR from the conclusions drawn in this relatively narrow area of the industry.

d. The production of the steel industry in 1940 was 18.3 mmt and in 1945 was 11.4 mmt. The production in 1951 was 31.7 mmt (Soviet official data) or 30.3 mmt (ONR last estimate). There is obviously a wide margin between the 20 million tons increase in over-all steel production per year since the war and the 2.5 million tons ascribed to these plants. The simple conclusion might be drawn that the Soviets have decided to reduce emphasis on locations of plants since the previous third Five Year Plan was formulated. It is especially necessary that formal publications by ONR give a comprehensive view of an industry rather than a formal presentation of a single aspect of relatively narrow scope which, by its implications, may be misleading. A basic study by ONR in this field is particularly desirable in view of the many conflicting estimates which have been made in this area by ONR during the past year.

5. 44-51. The Tube and Pipe Mill Industry in the Soviet Bloc. This report is interesting and perhaps important taken by itself, but the heart of the paper is that "twenty-nine plants have been identified in the Soviet Bloc as capable of building tube mills, but only six mills have been specifically designated as builders of tube and pipe mills or tube draw-benches." Why the remainder are not used and more mills are not built are subjects for speculation in the report. Material of this kind (unless specifically requested) is clearly a subject for a more comprehensive study and part of a basic report on the manufacturing and fabricating aspects of the iron and steel industry and not the subject for a formal separate publication.

6. 49-51. Preliminary Estimate of 1951 Grain Production in the USSR.

7. 52-51. Weather Crop Correlation Applied to Crop Yield Estimates for the European USSR.

The report, viewed as a preliminary estimate, is comprehensive and the data should certainly be reported in some form as a current estimate. However, in the very nature of the fact that it is a preliminary estimate, it should not be formalized practically to the extent of a definitive report which has been done. It is lacking in a statement of methodology and reasons why it differs from Soviet estimates which are generally consistent with demonstrated prewar capabilities. However, one might conclude from the data, and the statements that, in view of the fact that production of bread grains are above that of prewar, the reduction in over-all grain production is lower because coarse grain output is only about 70% of prewar production. This accounts for a reduction of about 10% of the total. The figure is about the same as the difference between Soviet official claims and ONR estimates. Query: What are the Soviets doing with the coarse grain acreage presumably available as a result of the reduced coarse grain production.

The second paper, 52-51, on Weather-Crop Yield Correlation is a commendable and valiant attempt to correlate a very large number of variables. It has high value undoubtedly as a consistency check, but its value as an "absolute yard stick" remains to be demonstrated.

It is suggested that the results be checked also with a single regression curve based on Soviet claims and capabilities over a period of years, since in the final analysis it is dependent on proven Soviet data. The report is certainly worthy of incorporating into a basic study on the subject and publication of a working paper.

8. 31-51. Shipbuilding Component Production in the Soviet Zone of Germany may be a good enough study in its class, but, in line with the general principle it is recommended, that it be incorporated into a basic study (1) in East Germany and (2) Shipbuilding in the Soviet Bloc. The basic study on Shipbuilding in the Soviet Bloc could then be considered for its suitability as a definitive report.

9. 92-51. The Quantitative Importance of Unrecorded Claudestine Trade, etc., is obviously so narrow in scope (unless it is specifically requested) in relation to the over-all subject of East-West Trade that it needs no further comment in connection with expanding it into a basic study. Formal publication of a basic report and of a definitive report would depend on its quality.

10. 31-51. Input Requirements of the Aircraft Industry of the USSR. This is a good example of the type of basic studies recommended here. With some further work it could probably be refined into a definitive report on the subject.

11. The several other published reports in the 3-51 series are of a generalized character and should be carefully studied for important gaps for future projects and publications.

App
I-A

Appendix I-A

PROJECTS COMPLETED IN 3-51 SERIES

<u>Project Number</u>	<u>ORR Issuance Number</u>	<u>Title</u>	<u>Division</u>
34-51	CIA/RR 1	Shipbuilding Component Production in the Soviet Zone of Germany	D/I
49-51	DI-362	Preliminary Estimate of 1951 Grain Production in the USSR and the European Satellites (Completed in Part)	D/M
56-51	DI-361	Cork Production and Trade, with Particular Emphasis on the Soviet Bloc	D/M
68-51	CIA/RR 2	Six New Steel Plants in the USSR	D/M
44-51	FR-13	The Tube and Pipe Mill Equipment Industry in the Soviet Bloc	D/I
92-51 (In part)	MR-84	The Quantitative Importance of Unrecorded (Clandestine) Trade in E-W Trade Problems (NIE-59)	D/A
38-51	FR-8	Input Requirements of the Aircraft Industry of the USSR (Issued in parts)	D/I
8-51	FR-14	Industrial Geographic Distribution of USSR Manpower	D/S
9-51	FR-16	Goals and Attainments of Education in the USSR	D/S
52-51	FR-15	Weather-Crop Correlation Applied to Crop Yield Estimates for the European USSR	D/M
61-51		The Fluorspar Industry in the Soviet Orbit	D/M

PROJECTS IN 3-51 SERIES IN VARIOUS STAGES OF REVIEW OR REPRODUCTION

<u>Project Number</u>	<u>Title</u>	<u>Division</u>
11-51	Volume and Character of Soviet-Flag Ocean Traffic	D/S
45-51	The Heavy Electrical Machinery Industry in the Soviet Orbit	D/I
46-51	Electron Tube Industry in the Soviet Bloc	D/I
47-51	The Electronic Components Industry in the Soviet Bloc	D/I
91-51	Soviet Methods of Economic Penetration of Non-Orbit Countries - one section (Austria) rec'd and under review	D/S
103-51	The Measurement of Industrial Productivity in Selected Countries	D/A
17-51	The Volume and Character of Soviet-Flag Caspian Sea Traffic	D/S

PROJECTS CANCELLED

<u>Project Number</u>	<u>Division & Branch</u>	<u>Title</u>
4-51	D/A	East-West Trade (Superseded by 111-51)
19-51	S/TF	Trade in the Soviet Zone of Austria (With the Rest of the Orbit)
54-51	M/AG	Soviet Orbit Trade in Grain
77-51	M/P	West European Petroleum Balance
95-51	D/A	The "Criteria" Paper
96-51	A/EC	Economic Significance of East Austria to the War Potential of the Soviet Bloc 1950-1952
66-51	M/S	West European Coal Balance
67-51	M/S	Equipment Requirements - Coal

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SECURITY INFORMATION

MISCELLANEOUS PROJECTS PROPOSED FOR 3-52 SERIES BUT NOT YET CONSIDERED

"The Soviet Bloc Production of Civilian Radio and
Television Receivers" (D/I)

"East-West Trade -- US Balance of Payments" (D/S)

"A General Survey of Intelligence Material on
Antibiotics" (D/A)

"The Machine Tool Industry of East Germany (D/I)

"The Dependence of the Soviet Bloc Electrotechnical
Industry upon Western Sources of Supply" (D/I)

"The Soviet Bloc Production of Steam and Hydraulic
Turbines" (D/I)

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PROJECTS IN 3-51 SERIES UNDER WAY IN DIVISIONSKEY

* - One-third completed
 ** - Two-thirds completed

*** - Over two-thirds completed
 R - Under review in D/R

D - Temporarily delayed
 I - Initial research under way

Division & Branch	Project Number	Title	Status	Recommendation
6/EP	7-51	High-Tension Transmission Network of the Urals Area	I	Incorporate in basic studies and report on Electric Power in the Soviet Bloc, including the USSR and each Satellite separately as divisions of the report.
4/L	8-51	Distribution of the Non-Soviet Labor Force in Specified Industries	I	Hold-up pending definite policy on non-Soviet Bloc areas.
6/TR	10-51	Limitations of Rail Transportation Capabilities between the USSR and Western Europe	*	Incorporate in basic study and report on Rail Transportation in the Soviet Bloc with separate divisions (a) USSR (b) Satellites. See 25-51.
6/TR	12-51	Volume and Character of Satellite- Flag Ocean Traffic	*	Expand to cover Soviet Bloc and combine with 13-51 for basic study and report on shipping, with appropriate divisions.
6/TR	13-51	Volume and Character of Inland Water Transportation in the Soviet Bloc	I	Combine with 12-51.
6/TR	14-51	Motor Vehicle Inventory of the USSR	I	Incorporate in basic study and report on Motor Transportation in the Soviet Bloc.
6/TR	15-51	Transportation of Petroleum and Petroleum Products in the USSR	*	Coordinate with basic study and report on Petroleum Industry in the Soviet Bloc appropriately divided for USSR and Satellites.
6/TR	16-51	The Role of Air Transport in the USSR East of the Urals	**	Incorporate in basic study and report on Air Trans- port in the Soviet Bloc, with appropriate divisions.

<u>Division & Branch</u>	<u>Project Number</u>	<u>Title</u>	<u>Status</u>	<u>Recommendation</u>
S/IR	25-51	Railroad Freight Traffic in the USSR Part 1 The Trans-Siberian Railroad (Omsk to Vladivostok, including the Khabarovsk lines) Part 2 Western USSR Part 3 Northern USSR Part 4 Urals Region Part 5 Central Asia Part 6 The Caucasus Region Part 7 Southern USSR Part 8 Central USSR	I I I	Complete separate basic study and report on Railroad Traffic in the Soviet Bloc appropriately divided for USSR and the Satellites separately.
S/O	21-51	Economic Organization of the USSR	*	Consider combining for basic study and definitive report with 23-51 under title of Economic Organization of the Soviet Bloc countries, appropriately divided.
S/O	22-51	Economic Plans and Planning Procedures in the USSR	***	Bring to completion shortly and review for value as a basis for a definitive report.
S/O	23-51	Economic Organization of the European Satellites and the Extent of Their Control by the Soviet Union (Czechoslovakia (Poland (Hungary (Rumania (East Germany	*** *** *** *** ***	Complete shortly and consider value as a definitive report separately or combined with 21-51.
S/O	24-51	Economic Organization of China	***	Complete shortly and review for value as definitive report or for incorporation into basic area study.
S/A	26-51	Input Requirements of Ammunition Production in the Satellite Countries, Including China	*	Incorporate in basic study and report on ammunition which is to include USSR as a Bloc study with appropriate divisions.

Division & Branch	Project Number	Title	Status	Recommendation
I/PS	27-51	Agricultural Machine Production in the USSR	* D	Incorporate in basic study and consider combining with more comprehensive basic report including production machinery and equipment as well as agricultural, coal mining, construction etc. machinery and equipment.
I/SC	28-51	Coal Mining Machinery Industry in the USSR	** D	See 27-51 -- alternatively complete as basic study.
I/PS	29-51	Perishable Tooling in the Soviet Orbit	***	Complete shortly and consider value for publication as a definitive report otherwise combined with basic study on machine tools, 30-51.
I/PS	30-51	Machine Tool Production in the USSR	*	Incorporate in basic study on Machine Tools. See 29-51.
I/PS	31-51	Input Requirements in Tank and Self-Propelled Weapons in the USSR	***	Incorporate in basic study and report on subject matter.
I/SC	32-51	Locomotive and Rolling Stock Production in the USSR and in the Satellite Countries	I D	Coordinate and combine with basic study and report on Railroad Transportation.
I/SH	33-51	Shipbuilding Component Production in Czechoslovakia	***	Combine with basic study and report on Shipbuilding in the Soviet Bloc with appropriate divisions.
I/SH	35-51	Input Requirements of the Submarine and Shipbuilding Industry of the USSR	***	Should be completed shortly and reviewed for value as a definitive report or incorporation in basic study and report on subject.
I/SH	7-52	The Shipbuilding Industry in Communist China	**	Incorporate in area study of China.
I/PS	36-51	Rocket and Guided Missile Production in the USSR	I	This is to be part of a joint project with OSI.
I/SH	37-51	Input Requirements of Torpedo Production in the USSR and Satellites	**	Incorporate in basic study and report of weapons and munitions in the Soviet Bloc, appropriately divided.

Division & Branch	Project Number	Title	Status	Recommendation
I/AIR	38-51	Input Requirements of the Aircraft Industry of the USSR	(Completed in part. PR-8 issued 29 Oct)	Incorporate in basic study and report on aircraft industry in Soviet Bloc appropriately divided.
I/AIR	39-51	Aircraft Instrument Production in the USSR and Satellites	D	Incorporate in basic study in 38-51 on aircraft.
I/CG	40-51	Construction Equipment in the USSR	**	See Recommendation for 27-51 and 28-51 -- alter- natively as basic study.
I/CG	41-51	Diesel Engine Production in the USSR	I D	Incorporate as division basic study and report on equipment and machinery.
I/CG	42-51	Carbon and Graphite Electrode Production and Requirements in the Soviet Orbit	I D	Incorporate in a general basic study of industry or miscellaneous products thereof unless critical aspects can be demonstrated.
I/CG	43-51	Antifriction Bearings Industry in the Soviet Bloc	** D	Complete as basic study and consider for incorporation with basic study on equipment and machinery (See 27-51 and 28-51)
I/CG	1-52	The Crude Oil and Natural Gas Extracting Equipment Industry in the USSR	I D	
I/CG	2-52	The Oil-Refining Equipment Industry in the USSR	I D	Complete and coordinate with basic study on equipment generally as well as with basic study on the Petroleum Industry.
I/EE	48-51	Electric Wire and Cable Industry in the Soviet Orbit	*** D	Complete as basic study and consider combining with basic study on Electrical Equipment.
I/A	107-51	Input Requirements for Ammunition Production in the USSR	*	Combine with 26-51 as over-all Soviet Bloc basic study on ammunition with appropriate divisions -- otherwise complete as separate basic study.

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Division & Branch	Project Number	Title	Status	Recommendation
I/N	108-51	Input Requirements for the Armament Industry in the USSR, Including Armored Vehicles	*	Combine with 109-51 as basic study on armaments in the Soviet Bloc or complete for separate basic study.
I/N	109-51	Input Requirements for Armament Production in the Satellite Countries, Including China	I	See 108-51 -- Diagnose similarly.
I/AG	114-364	1958 Production Base for Each of the Five Chief Cereals Distributed by Economic Regions, Republics, Oblasts, and Krai of the Soviet Union as of 1951	** D	Unless this has been specially requested, it should be combined with other grain studies in basic study and report.
I/AG	50-51	USSR Grain Production for 1950 by Regions	**	Incorporate in basic grain study and report.
I/AG	51-51	USSR Cotton Production	**	Complete and incorporate in basic study and report on agriculture.
I/AG	53-51	Livestock and Meat Production of the USSR Part 1 Part 2	** D	Combine with each other and incorporate in the general food and agriculture basic study with appropriate divisions.
I/AG	55-51	Wool Production and Consumption in the Soviet Orbit	* D	Complete as separate basic study and/or include in basic study on Food and Agriculture.
I/NF	57-51	Consumption, Stocks, and Imports of Copper, Lead, and Zinc in the Soviet Orbit.	*	Incorporate in basic study on non-ferrous metals and minerals.
I/NF	58-51	Aluminum Requirements and Distribution in the Soviet Bloc	*	Include in basic study on non-ferrous metals and minerals.
I/NF	59-51	Requirements and Distribution of Tin in the Soviet Bloc.	*	Complete and review for value as definitive report.

<u>Division & Branch</u>	<u>Project Number</u>	<u>Title</u>	<u>Status</u>	<u>Recommendation</u>
M/WF	60-51	Production and Uses of Lithium and Beryll in the Soviet Bloc	***	Include in basic study of non-metallic minerals.
M/WF	62-51	Construction Materials in the USSR and Satellites	*	Complete as basic study and consider for joint basic study by Materials, Services and Industrial Division on Construction in the Soviet Bloc.
M/S	5-52	Coal in the Soviet Bloc (Combination of 63-51, 64-51, and 65-51.)	*	Complete as basic study and report.
M/FM	69-51	Pilot Project on Steel Consumption and Requirements in the USSR	*	Combine with basic study on Steel Industry in the Soviet Bloc appropriately divided.
M/FM	70-51	Current Supply Situation of Iron and Steel Scrap in the Soviet Orbit	***	Complete as basic study and combine with basic study of Steel Industry in the Soviet Bloc.
M/FM	71-51	A Survey of the Iron and Steel Industries in Western Europe	***	Complete shortly and consider publication from policy viewpoint.
M/P	75-51	Soviet Use of Iranian Oil	*** D	Complete shortly and consider as definitive report also include as part of basic study on Petroleum in the Soviet Bloc.
M/C	80-51	The Phosphorous Industry in the USSR	**	Include in basic study of Chemical Industry.
M/C	81-51	The Tetramethyl Lead Industry in the USSR	**	Complete shortly and consider for special report -- also include in basic study on chemicals -- also coordinate with basic petroleum study.
M/C	82-51	Rayon Tire Cord Production in the Soviet Orbit	*	Include in basic study of Rubber Industry in the Soviet Bloc -- also in basic study of Chemical Industry.
M/C	83-51	Foreign Trade for Selected Strategic Chemical Items	*	Coordinate as part of basic study on Foreign Trade generally.

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<u>Division & Branch</u>	<u>Project Number</u>	<u>Title</u>	<u>Status</u>	<u>Recommendation</u>
M/C	84-51	Capabilities of Western Europe for Producing Strategic Chemicals	**	Consider from policy viewpoint -- if approved on latter basis complete as basic study.
M/C	85-51	The Tetraethyl Lead Industry of Western Europe	***	Consider from policy viewpoint -- if approved on latter basis complete as basic study and combine with 84-51.
M/C	86-51	Western Europe -- Heavy Chemical Industries (Chlorine, Carbides, Ammonia, Sulfuric Acid)	**	Consider from policy viewpoint -- if approved on latter basis complete as basic study and combine with 84-51 as basic study of the chemical industry in Western Europe.
M/C	87-51	Motor Vehicle Tire Production in the Soviet Orbit	***	Include in basic study of Rubber Industry in the Soviet Bloc.
M/C	88-51	Coke Chemicals in the Satellites Czechoslovakia Soviet Zone (Balance)	**	Include as part of basic study of Coke Chemicals in the Soviet Bloc, appropriately divided.
M/C	89-51	Chemical Equipment in the Soviet Orbit	*	Include as part of basic study of the Chemical Industry in the Soviet Bloc and coordinate with basic study on equipment and machinery generally
M/C	90-51	World Situation in Sulfur and Pyrites	**(Continuing Project)	Consider from policy viewpoint -- if approved complete as basic study.
Chief, D/A	5-51	Evaluation of Intelligence for Report Control Purposes	(Continuing Project)	See note at end of -51.
M/C	20-51	Principles and Methods for Analysis of Soviet Budgetary Allocations to Military Expenditures	**	Should be continued as basic study and report issued for office use when the techniques and methods are sufficiently developed.

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Division & Branch	Project Number	Title	Status	Recommendation
A/MAR	94-51	Intelligence Manual of Free Ports and Foreign Trade Zones	*	See note
A/SEC	97-51	Development of a Standard of Measurement of Physical Volume of Output in Particular Industries in the Soviet Bloc Countries	I	Should be continued as basic studies and reports issued for office use when the techniques and methods are sufficiently developed.
A/US	98-51	Analysis of the Impact of US Economic Aid to Africa on the Production of Strategic Commodities and Their Flow to the US	*	See note
A/US	99-51	Importance to the West of the Economic Development of India	**	See note
A/MAR	100-51	Maintenance of a Watch List File of International Traders	(Con-timing project)	See note
A/MAR	101-51	Analysis of Soviet Procurement Efforts in Certain non-Orbit Areas (Latin America, Indonesia, Africa, and India)	*	See note
A/SEC	102-51	Strategic Importance to the Soviet Bloc of Selected US Export Control Items not Agreed to by COCOM for Parallel Action	(Con-timing project)	See note
A/SEC	104-51	Maps of Economic Regions of the USSR	(Con-timing project)	See note
A/SEC	111-51	Strategic Importance to the Soviet Bloc of Items on US Export Control Lists II and IIB	(Con-timing project)	See note

NOTE:

All other projects listed here (5-51; 94-51; 97-51; 98-51; 99-51; 100-51; 101-51; 102-51; 104-51; and 111-51) relate to operational support of economic warfare, export control, etc., and should be made the basis of an over-all basic study with periodic reports to show scope of operations and results.

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PROJECTS PENDING, SELF-INITIATED BUT NOT YET NUMBERED

Division & Branch	Title	Recommendation
S/COM	The Landline System of the USSR in the Service of the National Economy)	These projects are awaiting policy decision pending further conferences and agreements with GSI.
S/COM	The Radio System of the USSR in the Service of the National Economy)	

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1952 SERIES OF PROJECTS

<u>Project Number</u>	<u>Title and Status</u>	<u>Recommendation</u>
1-52	"The Crude Oil Natural Gas Extracting Equipment Industry in the USSR (for exploration, drilling, extraction, and storage of crude oil)." D/I Open Date. This project delayed because of Place's assignment for special training in another Division. Project approved 24 January 1952.	Complete as basic study and coordinate with basic study of Petroleum Industry in the Soviet Bloc. May also be considered as part of General Equipment basic study.
2-52	"The Oil-Refinery Equipment Industry in the USSR" D/I Open Date. [REDACTED] Same status as 1-52	Same disposition as for 1-52
3-52	25X1A9a "Production of Canned Foods in the USSR" D/M [REDACTED] Approved 24 January 1952. Estimated Completion date 30 March. Delayed because of other assignments. Estimated completion date 30 May 1952	Complete and evaluate for definitive report. Also incorporate in basic study on Food and Agriculture.
4-52	"Likelihood of Loss of Important Economic Resources in Selected Foreign Areas" (EIC Contribution to EIC-56) Approved as CER project on 24 January 1952. Original Estimated date of submission to EIC 1 March 1952. EIC submission to CER due 15 March 1952. Delayed until 10 April 1952. (Submission of Summary and Conclusions not submitted to D/R -- as of 30 April 1952.)	

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1952 PROJECTS CONSOLIDATED FROM 3-51 SERIES

<u>Project Number</u>	<u>Title and Status</u>	<u>Recommendation</u>
5-52	25X1A9a "Coal in the Soviet Bloc" (D/M) [REDACTED] Consolidation of Projects 63-51, 64-51, and 65-51. Estimated Completion Date of Draft - 1 March 1952. Not yet received in D/R - as of 30 April 1952.	Complete as basic study preparatory to work on definitive report.
6-52	25X1A9a "Petroleum in the Soviet Bloc" (D/M) [REDACTED] Consolidation of Projects 72-51, 73-51, 74-51, 76-51, and 78-51. Reported as over 2/3 completed on 4 April 1952. Not yet received in D/R as of 30 April 1952.	Complete as basic study preparatory to work on definitive report.
7-52	25X1A9a "Shipbuilding Industry of Communist China" (D/I) [REDACTED] Reported on 1 April 1952 as 2/3 completed. Due in D/R 30 March 1952. Estimated completion date 1 May 1952. Not yet received in D/R -- as of 30 April 1952.	Include either in basic study of shipbuilding in the Soviet Bloc appropriately divided or in Area Study on China.
8-52	25X1A9a "Distribution of the Non-Soviet Labor Forces in Specified Industries" (D/S) [REDACTED] Approved by Project Initiation Board 11 March 1952. Open date. Very low priority.	Consider in connection with Policy on non-Soviet Areas.
9-52	"Plant Study of the Iron and Steel Industry in the USSR on a Regional Basis" (D/M) Approved 11 March 1952. Estimated completion date of draft of first region -- 1 May 1952.	Consolidate with basic study on Iron and Steel Industry in the Soviet Bloc with appropriate divisions.

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App.
I-B

Appendix I-B

TASK FORCE I CONTRIBUTIONS

<u>Project Number</u>	<u>Title</u>	<u>Published</u>
PR-2	The Coke-Chemical Industry in the USSR (S) (40 pp.)	10 September
PR-3	The Electron Tube Industry in the USSR (S) (87 pp.)	27 September
PR-4	Caustic Soda and Chlorine Industries in the USSR (S) (37 pp.)	12 December
PR-5	The Synthetic Ammonia Industry in the USSR (S) (14 pp.)	8 October
PR-6	The Machine Tool Industry of the USSR (S) (40 pp.)	3 January
PR-7	Railway Gauge Differential and the Transloading Facilities of the Western Soviet Frontier (S) (10 pp.)	19 December
PR-10	Inland Water Transport in the USSR (S) (25 pp.)	11 January
PR-11	Merchant Shipping in the USSR (S) (24 pp.)	22 January
PR-12	Soviet Highway Transport in the USSR (S) (19 pp.)	31 January

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SELF-INITIATED OFFICE PROJECTS

<u>Project Number</u>	<u>Title</u>	<u>Published</u>
(Completed)		
IN-360	Analysis of Beriya's Official Speech on the Soviet Economy on the 34th Anniversary of Socialist Revolution, 1951 (3) (18 pp. 1 chart 1 map)	15 February 1952
NP-57	Gross National Product and Military Expenditures for 1951 and 1952 for the USSR and Eastern Europe (5) (4 pp.)	20 July 1951
IP-268	A Handbook of Basic Estimates of Production Capacity and Inventory of the Soviet Bloc (<u>Provisional</u>)	(In reproduction — 29 April 1952)
(Not yet Completed)		
105-51	Allocation of Energy Resources in the USSR (Open date) Reportedly 2/3 completed. Completion date unknown.	

25X1X7 Other Office Projects are (1) Contributions to NIK publications and (2) — See Page 7 Status Report of 1 April 1952 (D/H Report)

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ORA CONTRIBUTIONS TO NIE'S SINCE 1 JULY 1951

<u>NIE Number</u>	<u>ORA Number</u>	<u>Title</u>	<u>Date</u>
NIE-33	6-51 (T.P.III)	The European Satellite Power Complex	1 July - 15 Aug (8 parts)
NIE-46	IP-220, IP-254	Probable Developments in Iran in 1952 in the Absence of an Oil Settlement	23 July, 26 Sept.
NIE-47	IP-266	ORA Comments on G-2 Contribution to NIE-47 "Communist Intentions and Capabilities in Asia"	14 March 1952
NIE-50	IP-256	Probable Developments in Eastern Germany through 1952	6 December 1951
NIE-53	IP-258	Relations between the Chinese Com- munist Regime and the USSR; Their Recent Character and Probable Future Course	3 March 1952
EE-20	IP-255	The Probable Consequences of Certain Possible US Courses of Action with Respect to Communist China and Korea	27 November 1951
NIE-64	IP-295	Economic Factors Affecting Soviet Capabilities and Military Warfare	28 April 1952
NIE-59	MP-84	The Quantitative Importance of Unrecorded (Clandestine) Trade in East-west Trade Problem (Part of project 92-51)	10 March 1952

In Process

NIE-40	106-51	Potential Military, Economic, and Scientific Accretions to the USSR Resulting from the Acquisition of Western Europe before Mid-1952
NIE-56	4-52	Likelihood of Loss of Important Economic Resources in Selected Foreign Areas (NIC Contribution)

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~~SECURITY INFORMATION~~PROJECTS COMPLETED FOR OPC SINCE 1 JULY 1951 (WRITTEN)

<u>Project Number</u>	<u>Title</u>	<u>Div.</u>	<u>Date</u>
IP-218	Flow of Strategic Resources and Technological Information into the USSR via Western Europe	D/A	10 July
IP-222	Mapping and Air Photo Coverage for Thailand	D/O	10 August
IP-223	Soviet Exports to Eastern European Countries	D/S	16 August
IP-224	Inventory of Railroad Locomotives in Austria	D/S	17 August
IP-225	Sources of Rubber for the USSR and Satellites	E/S, D/A, D/E	11 September
IP-226	Comments on Selected List of Installations in Norway	E/S, D/E	c. 1 September
IP-227	Slave Labor in the USSR	D/S	26 September
IP-231	Study on Swedish Iron Ore	D/E	21 September
IP-233	Vulnerability of Railway Locomotives	D/S	11 October
IP-234	Selected Maps of Electric Power Facilities in Western Europe, Greece, and Turkey	D/O	October 1951
IP-235, IP-246	Special studies	D/O	
IP-259	Shipment of Capacitor Paper to the Soviet Bloc	T/A	21 December
IP-261	Special study	D/O	20 February
IP-269	Food Situation in Lithuania	D/M	2 February
IP-273	Selected Information concerning Newsprint	D/M	1 March
IP-276	Firms and Individuals Reportedly Involved in Trade in Copper with the Soviet Bloc	D/A	10 March
IP-278	Special List of Commodities and Equipment	D/A	14 March
IP-284	French Trucking Industry	D/S	26 March
IP-270	Special study	D/O	March 1952
IP-272	Information on Petroleum Products in China	D/M	5 March
IP-296	Summary of Soviet Delays in Fulfilling Obligations under Trade Agreements	D/S	11 April

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App.
II

List of divisions and major groups

Division 0. Agriculture, Forestry, Hunting and Fishing

Major

GROUP

- 01 Agriculture and livestock production.
- 02 Forestry and logging.
- 03 Hunting, trapping and game propagation.
- 04 Fishing

Division 1. Mining and Quarrying

- 11 Coal mining.
- 12 Metal mining.
- 13 Crude petroleum and natural gas.
- 14 Stone quarrying, clay and sand pits.
- 19 Non-metallic mining and quarrying not elsewhere classified.

Divisions 2-3. Manufacturing

- 20 Food manufacturing industries, except beverage industries.
- 21 Beverage industries.
- 22 Tobacco manufactures.
- 23 Manufacture of textiles.
- 24 Manufacture of footwear, other wearing apparel and made-up textile goods.
- 25 Manufactures of wood and cork, except manufacture of furniture.
- 26 Manufacture of furniture and fixtures.
- 27 Manufacture of paper and paper products.
- 28 Printing, publishing and allied industries.
- 29 Manufacture of leather and leather products, except footwear.
- 30 Manufacture of rubber products.
- 31 Manufacture of chemicals and chemical products.
- 32 Manufacture of products of petroleum and coal.
- 33 Manufacture of non-metallic mineral products, except products of petroleum and coal.
- 34 Basic metal industries.
- 35 Manufacture of metal products, except machinery and transport equipment.
- 36 Manufacture of machinery, except electrical machinery.
- 37 Manufacture of electrical machinery, apparatus, appliances and supplies.
- 38 Manufacture of transport equipment.
- 39 Miscellaneous manufacturing industries.

Division 4. Construction

- 40 Construction.

Division 5. Electricity, Gas, Water and Sanitary Services

- 51 Electricity, gas and steam.
- 52 Water and sanitary services.

Division 6. Commerce

Major

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- 61 Wholesale and retail trade.
- 62 Banks and other financial institutions.
- 63 Insurance.
- 64 Real estate.

Division 7. Transport, Storage and Communication

- 71 Transport.
- 72 Storage and warehousing.
- 73 Communication.

Division 8. Services

- 81 Government services.
- 82 Community and business services.
- 83 Recreation services.
- 84 Personal services.

Division 9A. Military End Items

- 91 Aircraft.
- 92 Ship building.
- 93 Weapons.
- 94 Ammunition.
- 95

Division 9B. Activities not adequately described

- 96
- 97
- 98
- 99
- 100

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APP.
III

MISSING PAGE

ORIGINAL DOCUMENT MISSING PAGE(S): *APP - III*

NOTHING FOLLOWS TAB

App-
III-1

SECURITY INFORMATION

APPENDIX II I-A

GENERAL OUTLINE AND GUIDE FOR ECONOMIC INTELLIGENCE

AREA ANALYSIS

INTRODUCTION - Brief History and Background; natural resources proven and potential, etc.

- A. MILITARY (Army, Navy, Air Force) - Requirements, inventory and production - Peace and War
 1. Aircraft - various types
 2. Armaments - such as tanks, self-propelled guns, etc.
 3. Weapons and Munitions generally
 4. Plants, locations and production capacities
- B. TRANSPORTATION - Peace and War Capabilities
 1. Railroads
 2. Inland waterways and coastal shipping
 3. Motor transport
 4. Civilian air transport
- C. INDUSTRY
 1. Heavy Industry - Production and/or conversion of:
 - a. Petroleum, natural gas, coal (coke) and fuels generally
 - b. Iron and steel (iron ore) ferro-alloys (vanadium, tungsten, molybdenum, chromium, nickel, cobalt, manganese, etc.)
 - c. Basic and special chemicals, e.g., sulphuric acid, synthetic ammonia, chlorine, caustic soda, calcium carbide, synthetic rubber, explosives, etc.
 - d. Various branches of heavy manufacturing industry - convertibility to war use.
 - e. Machine tools, construction, mining and production machinery, control and precision instruments, electronics, etc.
 2. Light Industry - consumer goods, textiles, footgear, household articles, etc.
- D. MINERALS AND NON-FERROUS METALS
 1. Production of copper, lead, zinc, tin, aluminum, etc., and ores.
- E. LIST OF PLANTS - Locations, capacities and special features.
- F. PRODUCTION AND TOTAL AVAILABILITY - Including imports, in above categories.
- G. USE PATTERN AND DISTRIBUTION - of raw materials such as petroleum, coal, steel, aluminum, lead, zinc, electric power, etc., in the above groups to show the relative importance of natural resources in the various categories

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such as military, transportation, industry, agriculture, home use, etc., for peace and war. Also determination of surplus or deficit by balance of availability against requirements.

- H. STACKPILING - in all of the above categories; storage facilities.
- I. ELECTRIC POWER - capacity, production, facilities, equipment, distribution, etc.
- J. MANPOWER -
 - 1. Skilled labor - techniques.
 - 2. Technical professional engineering.
 - 3. Training facilities.
 - 4. Unskilled labor.
- K. CROSS REFERENCE - with Intelligence Outline on production and requirements.
 - 1. Agriculture: Grain, meats, fats, oils, industrial and food crops.
 - 2. Fish and fish products.
 - 3. Forest and forest products.
 - 4. Production, requirements (or allocations) reserves, surpluses, deficits, exports, imports, etc., in 1, 2 and 3.
- L. FINANCE AND FOREIGN TRADE
 - 1. Sources and nature of imports
 - 2. Imports of industrial products; including critical and strategic materials such as industrial diamonds, tin, rubber.
 - 3. Exports.
 - 4. Internal allocation of funds.
 - 5. External loans.
 - 6. Trade with the USSR and Soviet dominated countries, showing extent and type.
- M. SPECIAL FEATURES - of all of the above groups inherent or characteristic of the particular area, or having a bearing thereon.

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SECURITY INFORMATION

APPENDIX III-A

GENERAL OUTLINE AND GUIDE FOR ECONOMIC INTELLIGENCE

ANALYSIS OF PRODUCTION AND REQUIREMENTS

(Applies to Raw Materials and End Products)

INTRODUCTION - Brief History and Background

1. Extent of resources (a) proven and; (b) potential. Quantity, quality, and location under (a).
2. Input requirements: (applies to production of materials such as coal, petroleum, ores, minerals and other natural resources.)
 - a. Raw materials
 - b. Labor (unskilled, skilled, professional, technical)
 - c. Transportation
 - d. Fuel and Power
3. Production equipment for techniques and processes, exploration, mining, drilling concentration, etc., type, origin and conditions.
4. Input requirements for plants, mills, etc., for smelting, refining and conversion generally. (Applies to treatment and conversion of intermediate materials and manufactured products generally such as petroleum, coal, iron ore, pig iron, steel, ferro-alloys, basic and special chemicals, non-ferrous minerals and metals and products derived therefrom.)

*Include also additional processing such as fabrication of metals
5. Plants and equipment (such as factories, mills, refineries, etc.) for processing and/or conversion to intermediate or finished products include specific and integrated capacities and actual production, type, origin and condition of equipment. (See Annex plant lists, etc.)
6. Techniques and Processes employed under (5) including developments having a bearing on same.
7. Production - products, by-products and yields. Include also pre-war, wartime and postwar production patterns.
8. Pattern of requirements, utilization or allocation in economy. (a) Agriculture; (b) Transportation (rail, motor, water, air); (c) Industry (various categories); (d) Home use; (e) Military (Army, Navy, Air Force). This should include prewar and current (also postwar) and if required future trends, and minimums necessary for cold war economy and maximum available for Military in wartime.
9. Surplus or deficit based on indigenous production and requirements.

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10. Ability to overcome deficits e.g. imports, use of substitutes, etc.
11. Net surplus or deficit.
12. Industrial reserves, stockpiles, storage facilities and locations.
13. Transportation facilities for distribution of products.
14. Special considerations in all of the above divisions inherent in or characteristic of the particular industry, or having a bearing thereon.
15. Annex - Plant lists, capacities, locations - degree of convertibility for war use, standby capacity, etc.

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SECURITY INFORMATION

APPENDIX II - A

GENERAL OUTLINE AND GUIDE FOR ECONOMIC INTELLIGENCE

AGRICULTURE

A. Agriculture

1. Importance of agriculture to the economy.
2. Principal agricultural areas - climate, fertility of soil, land use, arable land under cultivation - location of major crops.
3. Character of land ownership - private, state and collective.
4. Techniques of production, degree of mechanization and equipment.
5. (a) Production and requirements
(b) Capacity of domestic industry to satisfy agricultural requirements.
6. Possibility of increasing area of land under cultivation or of increasing yield of areas currently cultivated.
7. Animal industry - 1935-39, postwar, future trends.
8. Crop production - 1935-39, postwar, future trends.
9. Labor availability and requirements - peace and war.
10. Food processing - canning, etc.
11. Distribution - transportation, pattern of utilization - maximum potential for the military in wartime - maximum necessary to maintain the civilian economy.
12. Storage - facilities and reserves.
13. Surplus and deficits - chief markets and sources of supply.
14. Nutritional standards - Per capita allocations of principal products.
15. Government policy.

B. Fish and Fish Products

1. Importance to the economy.
2. Principal fishing areas and annual catch per area.
3. Type, size, and condition of fishing fleet; landing and handling facilities.
4. Production, transportation and distribution of major products prewar and postwar.
5. Surplus and deficits
6. International agreements for the regulation of fishing.
7. Government policy.

C. Forests and Forest Products

1. Importance to the economy.
2. Extent and location of forest lands.

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SECURITY INFORMATION

3. Labor availability - peace and war.
4. Mechanization
5. Production of major forest products - postwar, prewar, and future trends.
6. Transportation and distribution.
7. Surpluses and deficits - chief markets and sources of supply.
8. Government policy.

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APPENDIX II I-A

GENERAL OUTLINE AND GUIDE FOR ECONOMIC INTELLIGENCE

PRODUCTION EQUIPMENT AND MACHINERY*

- A. PRODUCTION EQUIPMENT AND MACHINERY*
 1. Object and scope
 2. Brief history of production equipment and machinery industry in USSR
- B. TYPES AND USES OF PRODUCTION EQUIPMENT AND MACHINERY: Technology and New Developments
- C. PREWAR PATTERN - production and use (types and numbers), allocation and inventory of production equipment and machinery
- D. FOREIGN ACQUISITION - prewar, during war and postwar
 1. Prewar Imports and Source
 2. Lend Lease - Sources, Types and Numbers
 3. Reparations and Dismantlings - Extent of rebuilding and installation
 4. Other Postwar Imports and Source
- E. SKILLED LABOR (Materials and Fabricating Capacity) AND CAPABILITIES: materials (special alloys, ferrous and non-ferrous, etc.)
- F. ESTIMATE OF PRODUCTION - of production equipment and machinery and their capabilities - wartime, postwar, current
- G. RATE OF DETERIORATION - life expectancy of various types of production equipment and machinery - normal and estimated for special conditions
- H. TOTAL AVAILABILITY - Current inventory (standby and in use) of production equipment and machinery including estimate of use and stockpile; production rate by numbers and types; current imports and source; condition.
- I. REQUIREMENTS - and/or allocations of production equipment and machinery for general economy, including numbers and types for: indispensability (interchangeability) of types
 1. Agriculture
 2. Transportation
 3. Industry (I) Heavy, (II) Consumer goods - home use
 4. Military (Army, Navy, Air Force) - armament, weapons, munitions
 5. Minimum for civilian economy in wartime, maximum for military production

*Complete literature search to be made in all cases

- J. COMPONENT PARTS - Spare parts, accessory equipment, instruments, controls, etc; production, inventory, requirements, dependence on foreign sources.
- K. SURPLUS OR DEFICIT FOR REQUIREMENTS: Ability to overcome deficits
- L. PLANT LISTS - Locations, production capacities, etc., unused capacity in war time.

APPENDIX III-A

GENERAL OUTLINE AND GUIDE FOR ECONOMIC INTELLIGENCE

MACHINE TOOLS*

- A. MACHINE TOOLS
 - 1. Object and scope
 - 2. Brief history of machine tool industry in USSR
- B. TYPES AND USES OF MACHINE TOOLS: Technology and New Development
- C. PREWAR PATTERN - production and use (types and numbers), allocation and inventory of machine tools
- D. FOREIGN ACQUISITION - prewar, during war and postwar
 - 1. Prewar Imports and Sources
 - 2. Lend Lease - Sources, Types and Numbers
 - 3. Reparations and Dismantlings - Extent of rebuilding and installation
 - 4. Other Postwar Imports and Sources
- E. SKILLED LABOR AND CAPABILITIES - materials (special alloys, ferrous and non-ferrous, etc.)
- F. ESTIMATE OF PRODUCTION - of new types of machine tools and their capabilities
- G. RATE OF DETERIORATION - life expectancy of machine tools - normal and estimated for special conditions
- H. TOTAL AVAILABILITY - Current inventory (standby and in use) of total machine tool park including estimate of use and stockpile; production rate by numbers and types; current imports and sources.
- I. REQUIREMENTS - and/or allocations of machine tools for general economy, including numbers and types for: indispensability (interchangeability) of types
 - 1. Agriculture
 - 2. Transportation
 - 3. Industry (I) Heavy, (II) Consumer goods - home use
 - 4. Military (Army, Navy, Air Force) - armament, weapons, munitions
 - 5. Minimum for civilian economy in wartime, maximum for military production
- J. COMPONENT PARTS - Spare parts, accessory equipment, instruments controls, etc; production, inventory, requirements, dependence on foreign sources.

*Complete literature search to be made in all cases.

- K. SURPLUS OR DEFICIT FOR REQUIREMENTS: Ability to overcome deficits
- L. PLANT LISTS - Locations, production capacities etc., unused capacity and ability to expand capacity in wartime.

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APPENDIX II I-A

GENERAL OUTLINE AND GUIDE FOR ECONOMIC INTELLIGENCE

TRANSPORTATION

- A. TRANSPORTATION
 1. Rail
 2. Highway
 3. Inland Waterway
 4. Air
 5. Maritime
 6. General evaluation of the entire transport system
- B. GENERAL EVALUATION - of each specific method of transportation
 1. Adequacy
 2. Strong and weak points of the system
 3. Expansion plans and trends
- C. TRANSPORTATION NETWORKS, all Categories 1-5
 1. Definitive map of system
 2. Major traffic arteries - alignment, condition and description
 3. Terminals and facilities - location, condition and description
 4. Major weaknesses, abilities to meet peace and wartime requirements
 5. Plans for extension and capability of domestic economy to support same
- D. TRANSPORTATION EQUIPMENT, all Categories 1-5
(locomotives, freight cars, ships, automotive, planes, etc.)
 1. Production - type, capacity, quantity, prewar, peak war year, postwar, (1946, 1947, 1948, 1949) future trend
 2. Inventory - number, type, capacity, condition
 3. Adequacy - type; requirements; plans for expansion; adequacy for wartime requirements
 4. Capacity of domestic industry to meet requirements - major producing plants - location and capacity
 5. Repair facilities - location and type; capacity; requirements; adequacy of basic supplies
 6. Surplus or deficit - chief markets, and leading sources of supply
- E. TRAFFIC
 1. Volume - prewar, peak war year, postwar (1946, 1947, 1948, 1949), future trend
 2. Traffic indices
 3. Composition
 4. Major lines or routes of traffic for key commodities; adequacy
 5. Adequacy, requirements, ability to meet peacetime and wartime requirements
 6. Major problems
- F. SPECIAL TYPES OF TRANSPORTATION FACILITIES AND EQUIPMENT - pipelines, tank cars for chemicals (lined), high pressure, etc.

Appendix II I-A

GENERAL OUTLINE AND GUIDE FOR ECONOMIC INTELLIGENCE

ELECTRIC POWER

- A. SOURCES
 - 1. Hydroelectric
 - 2. Type and requirements of fuel
- B. LOCATION AND DISTRIBUTION OF PLANTS
- C. PLANTS AND EQUIPMENT
 - 1. Type
 - 2. Capacity
 - 3. Efficiency
 - 4. Condition of equipment, etc.
- D. PRODUCTION - REQUIREMENTS
- E. DISTRIBUTION--to various categories of the civilian economy
- F. EXCESS OR UNUSED CAPACITY
- G. NETWORK - locations, types, interconnections, alternate lines
- H. REQUIREMENTS - distribution and adequacy for peace and war
- I. SURPLUS AND DEFICIT - Peace and War
- J. ELECTRICAL EQUIPMENT

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APPENDIX III-A

GENERAL OUTLINE AND GUIDE FOR ECONOMIC INTELLIGENCE

FINANCE AND TRADE

A. FINANCE

1. State Budget

- a. Expenditure - by major categories
- b. Sources of revenue - taxes, loans and currency expansion
- c. Component budgets in the consolidated budget
- d. Non-budgetary expenditures and sources of funds
- e. The Financial Plan.

2. Banking, Credit, and Currency

- a. Central Bank - structure, functions, operations
- b. Specialized banks - investment banks, agricultural banks, etc.
- c. State Insurance
- d. Credit - the credit plan - long term and short term credit
- e. Public debt
- f. Role of banks in clearing and control under the financial plan
- g. Currency control and fiscal policy - cash plan - volume of currency - extent of inflation - trend

3. Cost Accounting

- a. Instrument of control over production expenditures
- b. Association with industrial and agricultural plan for individual enterprise
- c. Subsidies to industries

B. FOREIGN TRADE

1. Extent of dependence on international trade

- a. Principal classes of imports, critical items, amount and sources
- b. Principal classes of exports, major items, amount and destination.

2. Comparison of prewar and post war trade - commodity pattern, geographical pattern (trade with orbit and non-orbit countries) clandestine operations, basic problems affecting trade development

3. Balance of payments

- a. Trade balance
- b. Services (insurance, shipping, etc.)
- c. Investment and short term loans
- d. Present foreign indebtedness (long term and short term)
- e. Comparison with prewar
- f. Major problems

4. Approximate holdings of gold and foreign exchange and external assets - location and utilization of balances

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5. Trade and Payments Agreements
 - a. Countries involved
 - b. Principal categories covered - amount and importance
 - c. Terms of payment - currency, credit
 - d. Other significant provisions
6. Transportation in relation to foreign trade - ocean, canal, railroad, highway
7. Government Policy and Controls
 - a. Government and Soviet orbit commercial policy and objectives re trade with orbit and non-orbit countries
 - b. The Foreign Trade Plan in relation to the over-all Economic Plan
 - c. State controls on trade and foreign exchange
 - d. Trading organizations at home and abroad
 - e. Ruble clearing arrangements
 - f. Recognition of foreign commercial Law - settlement of trade disputes
8. Fund trends